

1c961 U.S. PTO  
05/10/01

05-14-01

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Atty. Docket No. AMAT/4582/ISM/COPPER/DV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner of Patents and Trademarks  
Washington, D.C. 20231

1c961 U.S. PTO  
09/853962  
05/10/01

Re: Inventor(s): PETER HEY and BYUNG-SUNG LEO KWAK  
Title: METHOD AND APPARATUS TO OVERCOME ANOMALIES IN COPPER SEED LAYERS AND TO TUNE FOR FEATURE SIZE AND ASPECT RATIO

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 21 pages.
- ☒ Drawings totaling 3 pages, ☒ Formal ☐ Informal.
- ☒ Executed Declaration and Power of Attorney.
- ☐ Information Disclosure Statement w/ Form 1449 and References.
- ☒ Assignment of the invention to **Applied Materials, Inc.**
- ☒ Assignment Recordation Cover Sheet

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	21	-20=	1	x \$18.00	\$ 18.00
Independent Claims	3	-3=	0	x \$80.00	\$ 0.00
Basic Filing Fee				\$710.00	\$710.00
TOTAL FEES					\$728.00

- ☒ The Commissioner is hereby authorized to charge \$728.00 to Deposit Account No. 50-1074/4582/ISM/COPPER/DV.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/4582/ISM/COPPER/DV. A duplicate copy of this transmittal is enclosed.
- ☒ Please address all future correspondence to:

PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O.BOX 450A  
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EL684621630US

Date of Deposit 5-10-01

Signature Bert Mulcahy

Respectfully submitted,

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